



Tenure Track Assistant Professor in Electrical Engineering and Robotics University of Detroit Mercy

The Department of Electrical and Computer Engineering at the University of Detroit Mercy College of Engineering and Science invites applicants for a tenure track Faculty position in Electrical Engineering and Robotics beginning in Fall 2017. An earned doctorate in Electrical Engineering or a closely related field, strong communications skills, and commitment to excellence in teaching are required. Preference will be given to applicants with expertise in autonomous robotics *or robotic applications*, control, smart cars (ADAS, V2X), and embedded systems.

The successful candidate at UDM is an effective and enthusiastic teacher-scholar at the undergraduate and graduate level, developing innovative teaching strategies and curriculum. Skill and interest in hands-on design projects and laboratory work is a requirement. Experience with Linux, ROS, and sensor system interfacing are desired. Candidates will be expected to teach and develop undergraduate and graduate courses and laboratories, develop a research program involving the supervision of *undergraduate*, masters and doctoral students, and write grants and publish in refereed journals and conferences.

The department offers programs in Electrical Engineering and Robotics and Mechatronic Systems Engineering with a Concentration in Electrical Engineering, with degrees at the bachelors, masters, and doctoral level. The small classes, excellent facilities, and close collegial relationships make teaching at UDM exciting and rewarding. The College's faculty forms a vibrant community of teaching scholars with a strong focus on professional and academic mentorship of students. *Interdisciplinary collaboration is encouraged and supported through dedicated facilities such as the Advanced Mobility Laboratory and the newly dedicated Center for Automotive Systems Engineering.*

Michigan's largest, most comprehensive private University, the University of Detroit Mercy is an independent Jesuit-Mercy Catholic institution of higher education sponsored by the Society of Jesus and the Religious Sisters of Mercy. The university seeks qualified candidates who will contribute to the University's mission, diversity and excellence of its academic community. The University of Detroit Mercy is an Equal Opportunity Affirmative Action Employer with a culturally diverse faculty and student body and welcomes persons of all races and backgrounds.

Candidates should apply by emailing a single portable document file (pdf) containing a Curriculum Vitae and cover letter, a one-page statement of personal teaching/research philosophy and experience, as well as three references (letters maybe requested later) to the Chair at ECE-Search@udmercy.edu. Review of applications begins **immediately and continues until the position is filled.**